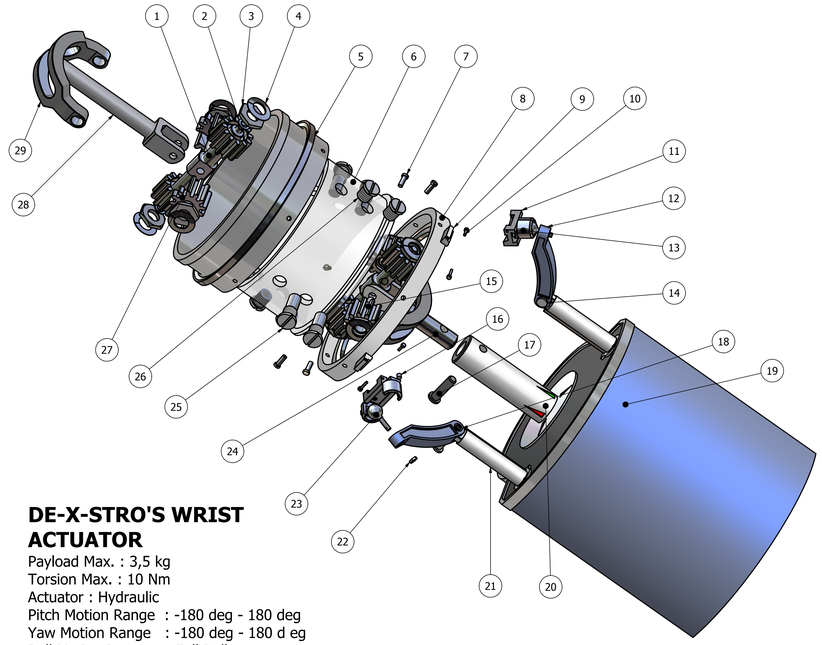


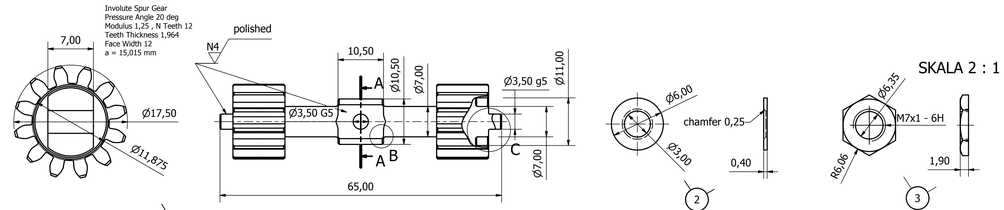
DE-X-STRO'S WRIST ACTUATOR

Payload Max. : 3,5 kg
Torsion Max. : 10 Nm
Actuator : Hydraulic
Pitch Motion Range : -180 deg - 180 deg
Yaw Motion Range : -180 deg - 180 d eg
Roll Motion Range : Full Roll

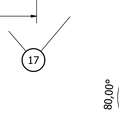
DAFTAR BAGIAN

NOMOR	JUMLAH	NAMA	BAHAN	NORM	KETERANGAN
1	2	Yaw Shaft & Gear	SNC3		pengerasan pada ujung gigi
2	8	Washer			
3	8	Nut			
4	8	Lock Ring			
5	1	Outer Ring	S35C-D		
6	1	Inner Ring	S30C		
7	6	Decoupling Ring Pin			
8	1	Decoupling Ring	S30C		
9	2	Slider Holder	S30C		
10	4	Slider Pin	SNC2		
11	2	Slider	S30C		
12	2	C-Link	S30C		
13	4	Ball Socket	S30C		pengerasan kulit dan dikrom pada bagian yg kontak dengan ball
14	2	C-Link Pin	SNC2		
15	2	Yaw Shaft Pin	S30C		penormalan
16	4	Ball Socket Pin			
17	1	Lower Roll Rod Pin	SNC		
18	2	Retainer Pin C-Link	Aluminum		
19	1	Closure			
20	1	Lower Roll Rod -Lower Part	S35C-D		
21	2	Push/Pull Rod	S30C		
22	2	Ball Nut			
23	2	Ball	S30C		pengerasan kulit dan dilapis krom
24	1	Lower Roll Rod -Upper Part	S35C-D		
25	4	Pitch Shaft	S30C, Hi-Finishing		bagian poros yg terletak pd lubang dikrom
26	4	Yaw Bushing	Baja liat, Hi-Finishing		bagian lubang untuk poros dikrom
27	4	Pitch Gear	SNC3		pengerasan permukaan
28	1	Upper Roll Rod	S35C-D		
29	1	Half Ring	S30C		

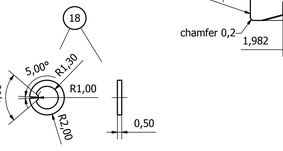
Involute Spur Gear
Pressure Angle 20 deg
Modulus 1,25 , N Teeth 12
Teeth Thickness 1,964
Face Width 12
a = 15,015 mm

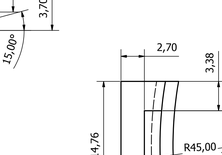


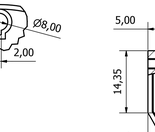
B (6 : 1)

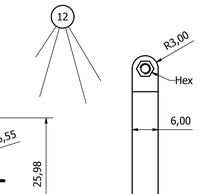


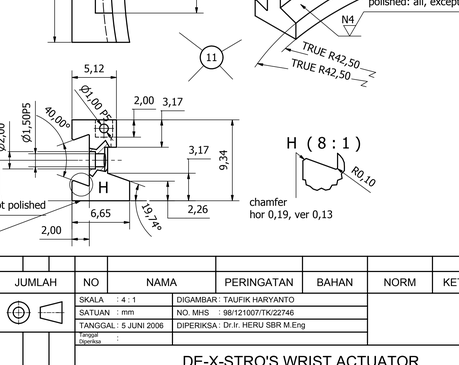
C (6 : 1)

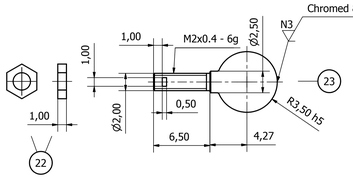


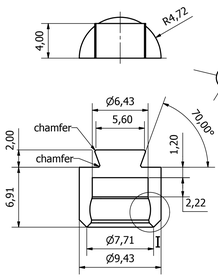




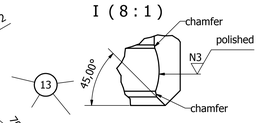


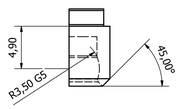




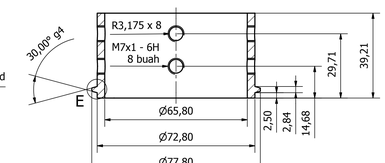


I (8 : 1)



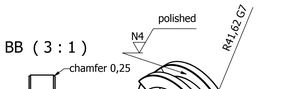


E (4 : 1)

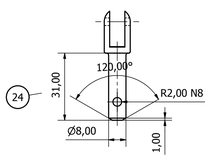


AA (3 : 1)

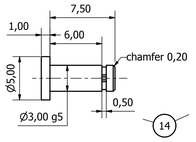
BB (3 : 1)

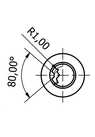


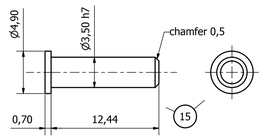
SKALA 1 : 1

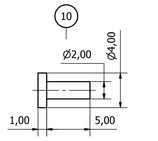


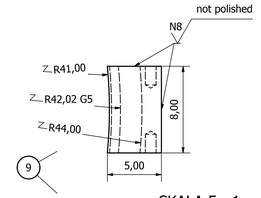
SKALA 1 : 1



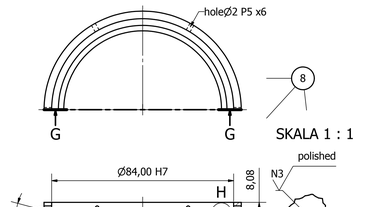




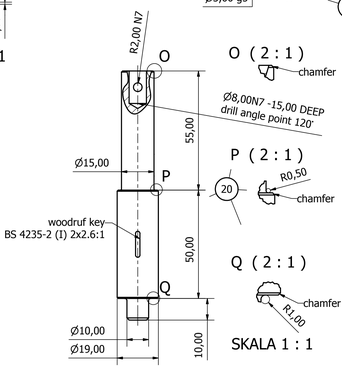


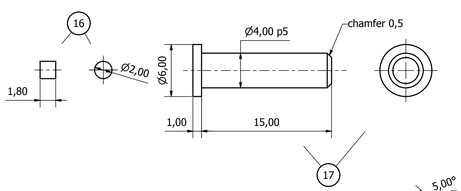


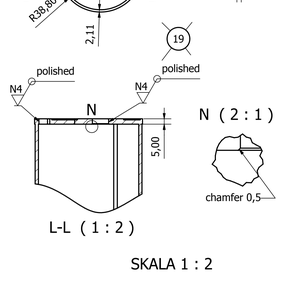
SKALA 5 : 1



G-G

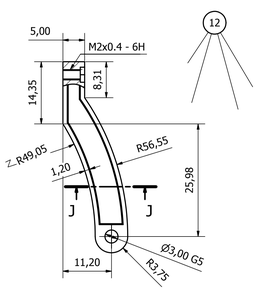




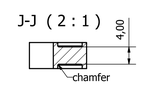


L-L (1 : 2)

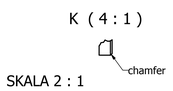
SKALA 1 : 2



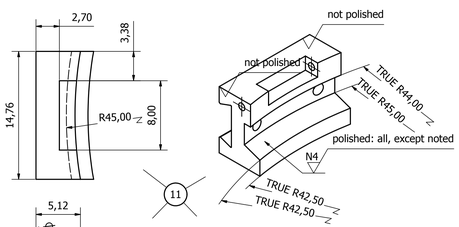
J-J (2 : 1)

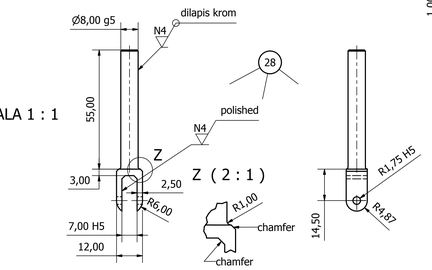


K (4 : 1)

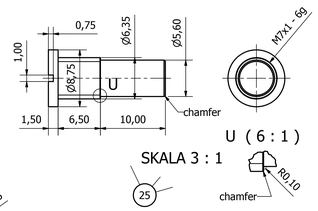


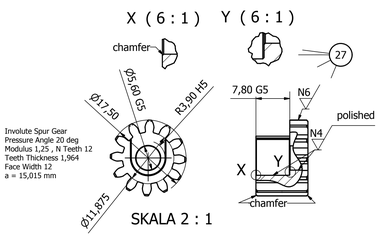
SKALA 2 : 1



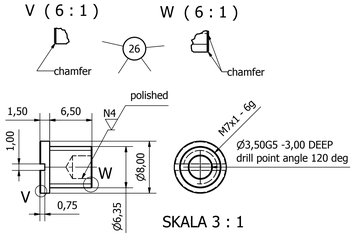


SKALA 1 : 1





SKALA 2 : 1



SKALA 3 : 1

JUMLAH	NO	NAMA	PERINGATAN	BAHAN	NORM	KETERANGAN
		SKALA : 4 : 1	DIGAMBAR : TAUFIK HARYANTO			
		SATUAN : mm	NO. MHS : 98/121007/TK/22746			
		TANGGAL : 5 JUNI 2006	DIPERIKSA : Dr Ir. HERU SBR M.Eng			
		Tanggal Diperiksa :				

DE-X-STRO'S WRIST ACTUATOR

C B A
PELAKSANAAN

TEKNIK MESIN FT UGM | 1 | A0